

ABSTRACT

The described arrangements and procedures provide for interfacing (e.g., managing, presenting, etc.) with complex and often elastic inter-object relationships between objects in a data polyarchy. Specifically, a schema is dynamically generated by a server to represent multiple hierarchies of inter-object relationships between objects in a data polyarchy. The schema indicates or lists each attribute or element of interest in the data polyarchy. The schema further indicates any of one or more dimensions of inter-object relationships within which objects that comprise at least a subset of the listed the elements of interest participate. Thus, the schema indicates how to interface with the data polyarchy, which represents multiple hierarchies of inter-object relationships based on the values of attributes of the represented objects.